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TO: EXAMINER ROBERT C. HAYES, Ph.D. - ART UNIT 1818  
 FIRM: c/o U.S. Patent and Trademark Office  
 FACSIMILE TEL. NO.: (703/308-0294) TEL. NO.: (703/305-3132)  
 FROM: NED A. ISRAELSEN, ESQ.  
 APPLICATION NO.: 08/484,594 CASE DOCKET NO.: MYELOS.002DV2  
 TOTAL NUMBER OF PAGES: - 59 - (INCLUDING COVER SHEET)  
 OPERATOR: Lynn M. D'Ottavio  
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MESSAGE: Enclosed for filing in the U.S. Patent And Trademark Office in Application No. 08/484,594 are the following: (1) Transmittal Letter (1 pg - in duplicate); (2) AMENDMENT AND RESPONSE TO OFFICE ACTION \*\*\*SPECIAL HANDLING REQUESTED\*\*\* (11 pp); (3) Reference by M. Barinaga; (4) Reference by S. D'Souza, et al.; (5) Reference by I. Hozumi, et al.; (6) Reference by G. Kempermann, et al.; (7) Reference by R. Misasi, et al.; (8) Reference by A.K. Talley, et al.; (9) Reference by T. Vartanian, et al.; and (10) Second Declaration Of John S. O'Brien, M.D. (2 pp) including Exhibit A.

PTO.SAV:lmj:060497

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PATENT

ORIGINAL

Case Docket No. MYELOS.002DV2

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Page 1

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## CERTIFICATE OF FAX TRANSMISSION

Applicants : John S. O'Brien, et al.

Appl. No. : 08/484,594

Filed : June 7, 1995

For : USE OF PROSAPOSIN AND  
NEUROTROPHIC PEPTIDES  
DERIVED THEREFROM

Examiner : Robert Hayes, Ph.D.

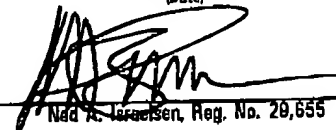
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(Date)

  
Ned R. Jensen, Reg. No. 29,655ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

Sir:

Transmitted herewith is an AMENDMENT AND RESPONSE TO OFFICE ACTION \*\*\*SPECIAL  
HANDLING REQUESTED\*\*\* (11 pages) in the above-identified patent application.

The fee has been calculated as shown below:

CLAIMS AS FILED						
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE
Total Claims	14	MINUS	14	= 0 x	\$11	= \$ -0-
Independent Claims	3	MINUS	3	= 0 x	\$40	= \$ -0-
If application has been amended to contain multiple dependent claim(s), then add					\$130	= \$ -0-
Time Extension Fee						\$ -0-
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						<u>\$ -0-</u>

Enclosed are:

(X) Reference by M. Barinaga, "Neuroscience's Meeting of the Minds in Washington", *Science* 274:1466  
(1996);

## PATENT


Appl. No.: 08/484,594

Case Docket No. MYELOS.002DV2

Date: June 4, 1997

Page 2

- 
- (X) Reference by S. D'Souza, et al., "Differential Susceptibility of Human CNS-Derived Cell Populations to TNF-Dependent and Independent Immune-Mediated Injury", *The Jour. of Neuroscience* 15(11):7293-7300 (1995);
- (X) Reference by I. Hozumi, et al., "Amelioration of Spatial Learning Impairment and Neuronal Loss in Rats with Stab Wounds by Prosaposin", *Int. Soc. Neurochem.* Boston (1997);
- (X) Reference by G. Kempermann, et al., "More hippocampal neurons in adult mice living in an enriched environment", *Nature* 386:493-495 (1997);
- (X) Reference by R. Misasi, et al., "Prosaposin and prosaptide, a peptide from prosaposin, induce an increase in ganglioside content on NS20Y neuroblastoma cells", *Glycoconjugate Journal* 13:195-201 (1996);
- (X) Reference by A.K. Talley, et al., "Tumor Necrosis Factor Alpha-Induced Apoptosis in Human Neuronal Cells: Protection by the Antioxidant N-Acetylcysteine and the Genes *bcl-2* and *crmA*", *Molecular and Cellular Biology* 15(5):2359-2366 (1995);
- (X) Reference by T. Vartanian, et al., "Interferon- $\gamma$ -Induced Oligodendrocyte Cell Death: Implications for the Pathogenesis of Multiple Sclerosis", *Molecular Medicine* 1(7):1076-1551 (1995); and
- (X) Second Declaration Of John S. O'Brien, M.D. (2 pages) including Exhibit A.
- (X) If for some reason applicant has not requested a sufficient extension of time and/or has not paid a sufficient fee for this response and/or for the extension of time necessary to prevent the abandonment of this application, please consider this as a Request for an Extension for the required time period and/or authorization to charge our Deposit Account No. 11-1410 for any fee which may be due. A duplicate copy of this sheet is enclosed.
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